

Heterospin Systems Constructed from [Cu₂Ln]³⁺ and [Ni(mnt)₂]^{1-,2-} Tectons: First 3p–3d–4f Complexes (mnt = Maleonitriledithiolato)

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Type de publication	Article de revue
Auteur	Madalan, Augustin-M. [1], Avarvari, Narcis [2], Fourmigu�, Marc [3], Cl�rac, Rodolphe [4], Chibotaru, Liviu-F. [5], Clima, Sergiu [6], Andruh, Marius [7]
Type	Article scientifique dans une revue � comit� de lecture
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R�sum� en anglais	Novel 3p-3d-4f heterospin systems have been obtained by employing [Cu ₂ Ln] ³⁺ cations and [Ni(mnt) ₂] ^{q-} anions as tectons. The nickel dithiolene species act either as ligands towards the copper ions, or are found uncoordinated in the crystal lattice. The anionic radicals are strongly antiferromagnetically coupled at low temperatures as a consequence of their tendency to stack in the crystal, regardless of their function, coordinated or uncoordinated, but their contribution to the global magnetism is visible in the high-temperature regime.
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Titre abr�g�	Heterospin Systems Constructed from [Cu ₂ Ln] ³⁺ and [Ni(mnt) ₂] ^{1-,2-} Tectons

Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=2735](http://okina.univ-angers.fr/publications?f[author]=2735)
- [2] <http://okina.univ-angers.fr/narcis.avarvari/publications>
- [3] [http://okina.univ-angers.fr/publications?f\[author\]=2678](http://okina.univ-angers.fr/publications?f[author]=2678)
- [4] [http://okina.univ-angers.fr/publications?f\[author\]=19075](http://okina.univ-angers.fr/publications?f[author]=19075)
- [5] [http://okina.univ-angers.fr/publications?f\[author\]=2878](http://okina.univ-angers.fr/publications?f[author]=2878)
- [6] [http://okina.univ-angers.fr/publications?f\[author\]=2879](http://okina.univ-angers.fr/publications?f[author]=2879)
- [7] [http://okina.univ-angers.fr/publications?f\[author\]=2642](http://okina.univ-angers.fr/publications?f[author]=2642)
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